

Application of Criteria for a Project of Air Quality Concern
Project Title: Masonic Avenue Streetscape Project
Project Summary for Air Quality Conformity Task Force Meeting: TBD

Description

The project will construct bus stop bulb-outs, corner bulb-outs, curb ramps, a planted median, a wider sidewalk, landscaping and a raised cycletrack on Masonic Avenue from Geary to Fell Streets. These improvements will improve the travel experience and safety for pedestrian, cyclists, and transit riders that use Masonic Avenue from Geary to Fell Streets.

Background

- CEQA review completed.
- Seeking air quality conformity determination on or before December 2013.
- Schedule based on deadline for STIP funding allocation.

Not a Project of Air Quality Concern (40 CFR 93.123(b)(1))

(i) New or expanded highway projects with significant number/increase in diesel vehicles?

- Not a new or expanded highway project with significant number/increase in diesel vehicles.

(ii) Affects intersections at LOS D, E, or F with a significant number of diesel vehicles?

- Project area does not have significant number of diesel vehicles.

(iii) New bus and rail terminals and transfer points?—Not Applicable.

(iv) Expanded bus and rail terminals and transfer points?—Not Applicable.

(v) Affects areas identified in PM_{10} or $PM_{2.5}$ implementation plan as site of violation?

- No Bay Area implementation plan for $PM_{2.5}$.
- Therefore, not identified in plan as an area of potential violation.

RTIP ID# <i>(required)</i>				
TIP ID# <i>(required)</i>				
Air Quality Conformity Task Force Consideration Date TBD				
Project Description <i>(clearly describe project)</i> The project will construct bus stop bulb-outs, corner bulb-outs curb ramps, a planted median, a wider sidewalk, landscaping and a raised cycletrack on Masonic Avenue from Geary to Fell Streets. These improvements will improve the travel experience and safety for pedestrian, cyclists, and transit riders that use Masonic Avenue from Geary to Fell Streets.				
Type of Project: The Masonic Streetscape Project is a complete streets project with improvements for pedestrians, bicyclists, and transit riders.				
County	<i>Narrative Location/Route & Postmiles</i>			
SF	Caltrans Projects – EA# 04-SF-0-SFPT			
Lead Agency:				
<i>Contact Person</i> Damon Curtis		<i>Phone#</i> 415-701-4674		<i>Fax#</i> 415-701-4372
<i>Email</i> damon.curtis@sfmta.com				
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>				
<input checked="" type="checkbox"/> <i>Categorical Exclusion (NEPA)</i>	<input type="checkbox"/> EA or Draft EIS	<input type="checkbox"/> FONSI or Final EIS	<input type="checkbox"/> PS&E or Construction	<input type="checkbox"/> <i>Other</i>
Scheduled Date of Federal Action:				
NEPA Delegation – Project Type <i>(check appropriate box)</i>				
<input type="checkbox"/> <i>Exempt</i>	<input checked="" type="checkbox"/> Section 6004 – Categorical Exemption		<input type="checkbox"/> Section 6005 – Non-Categorical Exemption	
Current Programming Dates <i>(as appropriate)</i>				
	PE/Environmental	ENG	ROW	CON
Start		9/13		4/15
End		12/14		10/16

Project Purpose and Need (Summary): *(please be brief)*

The Masonic Streetscape Project will improve street for pedestrian, bicyclists, and transit riders who use Masonic Avenue from Geary Blvd. to Fell Street to get to their destinations. The bus bulb-outs will allow buses to pick-up and drop-off transit riders without having to pull out of the travel lane into a bus stop and then wait for a gap to merge back into traffic. They also improve pedestrian safety by reducing the roadway crossing distance, making pedestrians waiting to cross the street more visible to approaching motorists, and reducing the speed of motorists turning from cross streets. Other pedestrian improvements include corner bulb-outs, widened sidewalks, and special sidewalk paving. In addition, no bicycle facility exists on Masonic Avenue. The project will installed a raised cycletrack to provide a separate facility for cyclists. With the new cycletrack, new pavement markings will be installed on Masonic Avenue. In addition, a planted median, street landscaping, street furniture such as bicycle racks, benches, and trash receptacles, and a public space will be built to make Masonic Avenue more of a neighborhood street for the community rather than a street for motor traffic. New streetlights also will be installed to provide improved lighting on the street.

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*

Masonic Avenue has residences on both sides of the street. A major university and two shopping centers are located along or near the northern half of the project area on Masonic Avenue. The truck traffic volumes are very low and based on observations. We estimate that it is less than 3%.

Brief summary of assumptions and methodology used for conducting analysis

The assumptions are based on traffic counts and field observations by project staff. Masonic Avenue does not have any land use that attracts a significant number of truck traffic to the area.

Opening Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

Future Plus Project PM LOS (PM is peak period 4pm-6pm)

Masonic at Geary – E

Masonic at Anza – D

Masonic at Turk – D

Masonic at Fulton – C

Masonic at Fell – C

Opening Year is 2016. AADT data is not available.

Trucks: Less than 3%

RTP Horizon Year / Design Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

Future Plus Project PM LOS (PM is peak period 4pm-6pm)

Masonic at Geary – E

Masonic at Anza – D

Masonic at Turk – D

Masonic at Fulton – C

Masonic at Fell – C

Cross Street	2040 AADT on Masonic within Project Area			
	NB	SB	WB	EB
Geary	7,648,210	6,882,440	428,875	2,455,720
Anza/O'Farrell	7,742,015	6,882,440	858,480	1,835,950
Turk	7,376,285	7,105,090	3,305,440	2,997,380
Golden Gate	7,161,300	7,227,365	102,930	457,710
McAllister	7,596,015	7,112,025	9,125	55,480
Fulton	7,518,270	7,056,545	1,383,715	3,385,740
Grove	7,056,180	7,520,460	5,110	289,810
Hayes	7,803,335	7,034,645	139,430	1,133,325
Fell	7,803,335	8,526,400	12,843,255	ONE-WAY WB

Trucks: Less than 3%

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

Opening Year is 2016. AADT data is not available.

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Opening Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses

N/A

RTP Horizon Year / Design Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses

N/A

Describe potential traffic redistribution effects of congestion relief *(impact on other facilities)*

Currently, Masonic Avenue has two traffic lanes in each direction with the exception of the AM peak and PM peak hours. During the AM peak (7am-9am), Masonic Avenue has 3 northbound lanes and 2 southbound lanes. During the PM peak (4pm-6pm), Masonic Avenue has 2 northbound lanes and 3 southbound lanes. At other times, Masonic Avenue has 2 traffic lanes in each direction. When the Masonic Avenue Streetscape Project is completed, Masonic Avenue will have 2 traffic lanes in each direction. Motorists may use Stanyan Street or Divisadero Street, which is 5 blocks east or west of Masonic Avenue, respectively. These are the other nearby through streets.

Comments/Explanation/Details *(please be brief)*